

➤ **EN50155 Industrial 4-port secure serial to Ethernet device server with 4xRS-422/485(2KV isolation) and 1x10/100Base-T(X), M12 connector**

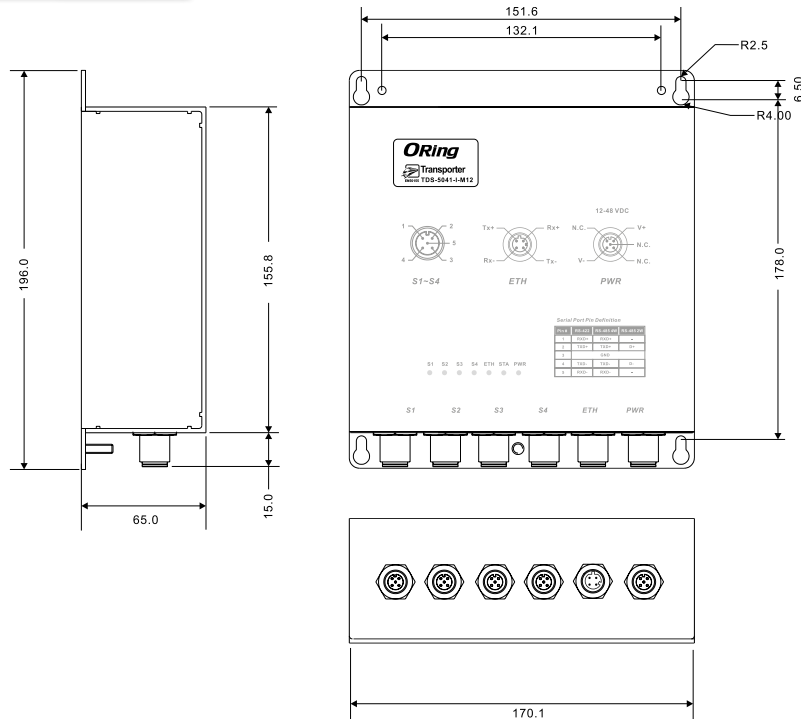
Features

- Operating Modes: Virtual Com, Serial Tunnel, TCP Server, TCP Client, UDP
- Redundant multiple host devices:
- host devices: Virtual COM, TCP Server, TCP Client mode;
4 IP ranges: UDP
- NAT-pass through: user can manage TDS-5041-I-M12 through NAT router
- Security: SSL data encryption; secured management by HTTPS and SSH; IP Access: IP White List
- Internet Communication: PPPoE
- Update DNS Hostname: DDNS
- Event Warning by Syslog, Email, SNMP trap, Relay and Beeper
- Configurable by Web-based and Windows utility (DS-Tool)
- Various Windows O.S. supported:
Windows NT/2000/ XP/ 2003/VISTA(32/64bit)/ Windows 7(32/64bit) /
Windows 8 (32/64bit)



EN50155 Device Server

Dimensions



Unit=mm

Specifications

ORing Device Server Model	TDS-5041-I-M12
Physical Ports	
10/100 Base-T(X) Ports in M12 Auto MDI/MDIX	1 (4-pin D-Coding in female connector)
Serial Ports	
Connector	M12 x 4 (5-pin A-coding in male connector)
Operation Mode	RS-422 / 4(2)-Wire RS-485. Which can be configured by DS-Tool
Serial Baud Rate	110 bps to 460.8 Kbps
Data Bits	5, 6, 7, 8
Parity	odd, even, none, mark, space
Stop Bits	1, 1.5, 2
RS-232	TxD, RxD, GND
RS-485 (2-wire)	Data+, Data-, GND
Flow Control	XON/XOFF
Isolation	2KVDC
Network Features	
Protocol	ICMP, IP, TCP, UDP, DHCP, BOOTP, SSH, DNS, SNMP V1/V2c, HTTPS, SMTP, DDNS, PPPoE
LED Indicators	

EN50155 Device Server

Power Indicator	PWR 1(2)(PoE)/ Ready : Red Blinking: Indicates an IP conflict, or DHCP or BOOTP server did not respond properly. Green On: Power is on and functioning Normally. Green Blinking: Located by Administrator.
10/100Base-T(X) RJ45 Port Indicator	Green for port Link/Act at 100Mbps. Amber for port Link/Act at 10Mbps.
Serial TX / RX LEDs	Red: Serial port is receiving data Green: Serial port is transmitting data
Fault Contact	
Relay	Relay output to carry capacity of 1A at 24VDC
Power	
Input Power	Power Inputs. 12-48VDC x 1(5-pin M12 female in A-coding)
Power Consumption (Typ.)	5.5 watts
Overload Current Protection	Present
Physical Characteristics	
Enclosure	IP-40
Dimensions (W x D x H)	170(W) x 65 (D) x 195(H) mm (6.69 x2.55x7.7.67 inch.)
Weight (g)	950 g
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 70°C (14 to 158°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory Approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27, EN61373
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6, EN61373
Warranty	5 years

Ordering Information

TDS-50 **A** **B** -I-M12

Code Definition	Serial Port Number	Ethernet Port Number
Option	- 4 : 4 ports	- 1 : 1 ports

Available Model	Model Name	Description
	TDS-5041-I-M12	EN50155 Industrial 4-port secure serial to Ethernet device server with 4xRS-422/485(2KV isolation) and 1x10/100Base-T(X), M12 connector
Packing List		Optional Accessories
<ul style="list-style-type: none"> TDS-5041-I-M12 DIN-Rail Kit Wall-mount Kit ORing Tool CD Quick Installation Guide 		<ul style="list-style-type: none"> DR-45 series, 45W DIN-Rail power supply DR-75 series, 75W DIN-Rail power supply DR-120 series, 120W DIN-Rail power supply